



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Miwa KOZAWA et al.**

Group Art Unit: **1756**

Application Number: **10/670,291**

Examiner: **Daborah Chacko-Davis**

Filed: **September 26, 2003**

Confirmation Number: **6427**

For: **RESIST PATTERN THICKENING MATERIAL, PROCESS FOR
FORMING RESIST PATTERN, AND PROCESS FOR
MANUFACTURING SEMICONDUCTOR DEVICE**

Attorney Docket Number: **031181**

Customer Number: **38834**

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(c)(2)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

August 21, 2007

Sir:

Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non- U.S. document is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$180.00 fee set forth in 37 C.F.R. §1.17(p).

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Information Disclosure Statement under 1.97(c)(2)

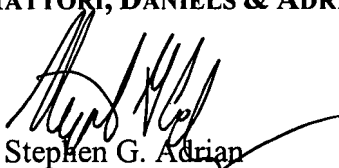
Attorney Docket No. 031181

Serial No. 10/670,291

If there are any fees due in connection with the filing of this paper, please charge Deposit
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Respectfully submitted,

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Enclosures: PTO/SB/08
3 Documents
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/670,291
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First Named Inventor	Miwa KOZAWA et al.
Art Unit	1756
Examiner Name	Daborah Chacko-Davis
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Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
	1	TAKEO ISHIBASHI ET AL., Advanced Micro-Lithography Process with Chemical Shrink Technology, Japanese Journal of Applied Physics Vol. 40 (2001) pp. 419-425	
	2	MAMORU TERAII ET AL., Below 70-nm Contact Hole Pattern with RELACS Process on ArF Resist, Advances in Resist Technology and Processing XX, Theodore H. Fedynyshyn, Editor, Proceedings of SPIE Vol. 5039 (2003)	
	3	MAMORU TERAII ET AL., Newly Developed Resolution Enhancement Lithography Assisted by Chemical Shrink Process and Materials for Next-Generation Devices, Japanese Journal of Applied Physics Vol. 45, No. 6B (2006) pp. 5354-5358	

Examiner Signature

Date Considered

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